



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: WEI XU, et al

Serial No.: 10/049,334

Group No.: 2872

Filed: May 30, 2002

Examiner

For: LASER ASSISTED THERMAL POLING OF SILICA BASED WAVEGUIDES

Attorney Docket No.: U 013870-6

Assistant Commissioner for Patents
Washington, D.C. 20231

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INFORMATION DISCLOSURE STATEMENT

We draw the attention of the Examiner to the attached English-language version of an International-type Search Report from a foreign office in respect of counterpart Australian Application No. PQ2811 that indicates the degree of relevance found by the foreign office. The Search Report makes consideration of any non-English art required. MPEP 609.

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Form PTO-1449 is also attached with reference copies.

We also draw the attention of the Examiner to the attached references which are also listed on the attached form PTO-1449.

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'W. R. Evans', written over a horizontal line.

WILLIAM R. EVANS
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FORM PTO-1449

U. S. DEPARTMENT OF COMMERCE
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ATTY. DOCKET NO.

SERIAL NO.

U 013870-6

10/049,334

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Wei XU, et al.

FILING DATE

GROUP

May 30, 2002

2872

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|--------------------|---------|---------------|-------|---------------|----------------------------------|
| | AA | 5 1 0 0 5 8 9 | 3/1992 | Ticknor | 264 | 1.3 | |
| | AB | 5 8 5 6 8 8 0 | 1/1999 | Farina et al. | 359 | 43 | |
| | AC | 4 9 6 4 2 6 2 | 10/1990 | Moser et al. | 53 | 506 | |
| | AD | 5 6 1 7 4 9 9 | 4/1997 | Brueck et al. | 385 | 122 | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSLATION |
|----|--------------------|--------|---------|-------|---------------|-------------|
| | | | | | | YES NO |
| AI | 9 6 1 6 3 4 4 | 5/1996 | WO | | | X |
| AJ | | | | | | |

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

| | |
|----|--|
| AK | Derwent Abstract JP05241210-A dated September 21, 1993 Accession No. 93-332148/42 |
| AL | P. Blazkiewicz, et al. "Carbon dioxide laser-assisted poling of silicate-based optical fibers" <i>Optics Letters</i> , Vol. 25, No. 4, p. 200-202, (2000) |
| AM | M.V. Bergot, et al. "Generation of permanent optically induced second-order nonlinearities in optical fibers by poling" <i>Optics Letters</i> , Vol. 13, No. 7, (1988) |
| AN | Y. Quiquempois, et al. "Study of organized $\chi^{(2)}$ susceptibility in germanosilicate optical fibers" <i>Optical Materials</i> Vol. 9, p. 361-367, (1998) |
| AO | D. Wong, et al. "Positive and Negative Thermal Poling of Germanosilicate Fibres" <i>Technical Digest of OFC/100C'99</i> , ThG4, San Diego USA, p. 90-91, 94-95, (1999) |
| AP | V. Pruneri, et al. "Electric-Field Thermally Poled Optical Fibers for Quasi-Phase-Matched Second- Harmonic Generation" <i>IEEE Photonics Technology Letters</i> , Vol. 9, No. 2, (1997) |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.